

Programs and Degrees

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The Engineering Physics program at UCA is an engineering degree that focuses on robotics and automation. Students will study a number of different areas of engineering: mechanical, electrical, and computer engineering to prepare them to work in this field of robotics. Students who complete this degree will be prepared to work in any field where automation is an important component; modern manufacturing, transportation automation (self-driving cars and trucks), modern warehouses, and many more areas.

Careers

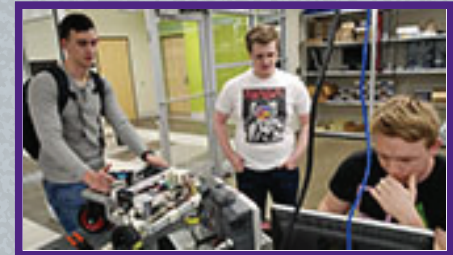
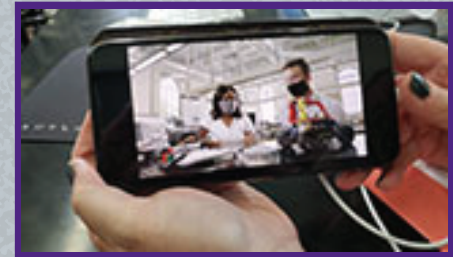
An Engineering Physics degree from UCA means you are a problem solver and, as such, our graduates have job titles such as:

- Engineering Analyst
- Industrial Engineer
- Software Quality Assurance Engineer
- Mechanical Engineer
- Motion Control Technical Consultant
- Structural Engineer
- Application Engineer
- And many more

Apply Now

Office of Admissions
Phone: 501-450-3128
uca.edu/admissions/apply

Engineering Physics
Lewis Science Center, Room 171
Conway, AR 72035
Phone: 501-450-5900
uca.edu/physics/engineering-physics



UNIVERSITY OF
CENTRAL
ARKANSAS™

Engineering Physics

Welcome from the Coordinator



UNIVERSITY OF
CENTRAL
ARKANSAS™

COLLEGE OF
NATURAL SCIENCES
& MATHEMATICS

Why UCA?



The Engineering Physics program at UCA combines a deep understanding of the physical world with practical applications. Our students combine hands-on electronics and mechanics skills with programming and physics

principles to design and build engineering solutions to automation and control problems encountered in the research laboratory or in industrial settings.

Undergraduates in our program have done engineering internships at Acxiom, Conway Corp, and NASA. Graduates of our program have successfully gotten jobs at the following companies in Arkansas: Ally Energy Solutions, Dassault Falcon Jet, Snap-on Equipment, Galley Support Innovations, Keathly Patterson Industrial, and Keyence Corp; while other students decide to further their education in engineering with a Masters or PhD before finding jobs at NASA or BEI Precision Systems & Space Company.

To learn more about Engineering at UCA, please visit our website and schedule a visit to our beautiful campus.

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Accreditation

The Engineering Physics program will apply for accreditation from the Accreditation Board for Engineering and Technology (ABET) in 2022. Graduation from an accredited program is a requirement for taking the professional engineering license exam.



For more information go to:
uca.edu/physics/engineering-physics

Academics and student-focused learning is at the center of UCA's mission. Small student to faculty ratio in classes mean more one-on-one with knowledge leaders in your field of interest. The STEM @ UCA Residential College is a co-education living and learning community that provides opportunities to connect to every aspect of student life.

Student Involvement

Engineering students can join the Society of Physics Students and the Robotics Club for late-night study sessions, science outreach to the local community, networking, and career building seminars. Alumni of our program regularly return to campus to talk about their career paths and to offer internship opportunities.

Equipment / Facilities

- BotFactory PCB Printer
- Stratasys 3D Printer
- Epilog Laser Cutter
- Metal Machine Shop with Lathes and Endmills
- Engineering Design Space in Lewis Science Center Annex
- Engineering Teaching Space in Conway Corporation Center for Science